



**UNIVERSITY OF  
REGINA**



### **Postdoctoral Position in Experimental Neutrino Physics**

The Department of Physics at the University of Regina ([www.phys.uregina.ca](http://www.phys.uregina.ca)) invites applicants for a postdoctoral position in Experimental Particle Physics to work on T2K, a long-baseline neutrino oscillation experiment between the Japan Proton Accelerator Research Complex (J-PARC) and the Super-Kamiokande detector which will commence data-taking in 2009.

The Regina T2K group, in close collaboration with groups at TRIUMF, University of British Columbia and Victoria, has key responsibilities for the fine-grained tracking scintillator detector (FGD) for T2K's 280m near detector (ND280). This includes the construction as well as the development of calibration, monitoring, and reconstruction algorithms for this detector. The successful applicant is expected to take a leading role in the construction and commissioning of the near detectors in preparation for the neutrino run, as well as the development of the neutrino oscillation analyses.

Applicants must have received a Ph.D. within the last three years, or be about to receive one. They should also have experience in building, operating, and analyzing data from particle physics experiments. Applicants should submit a CV and arrange for three letters of reference to be sent to:

Mauricio Barbi  
e-mail: [barbi@uregina.ca](mailto:barbi@uregina.ca)  
Fax: +1-306-585-5659

Department of Physics  
University of Regina  
3737 Wascana Parkway  
Regina, SK S4S-0A2 CANADA

Electronic submission of application materials is preferred.

Review of applications will begin on January 31, 2008 and will continue until the position is filled. Salary will be competitive, and will depend on experience. The initial appointment will be for one year, but will be extended for additional years subject to budgetary confirmation and mutual agreement.

The University of Regina hires on the basis of merit and is committed to employment equity. We encourage all qualified persons to apply.